MATERIAL SAFETY DATA SHEET		EMERGENCY TELEPHONE NUMBER: (800) 535-5053 or (352) 323-3500
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	PRODUCT NAME:	NS97 PRIMER
	DATE PREPARED:	September 29, 2003
	NAC REVISION DATE:	January 12, 2010

N/E	Not Established	N/R	Not Regulated	N/A	Not Available

SECTION 1 • Product and Company Identification

PRODUCT /CHEMICAL NAME:	NS97 PRIMER
PRODUCT CODE(S):	030371621; 030371620
MANUFACTURER:	National Applied Construction Products, Inc.
ADDRESS:	3200 S. Main Street Akron, OH 44319
EMERGENCY PHONE:	800-535-5053
TELEPHONE:	330-644-3117
FAX:	330-644-3557
CHEMICAL NAME:	N/A
CHEMICAL FORMULA:	SOLVENT BASE PRIMER – MIXTURE
GENERAL USE:	PAINTING/COATING

SECTION 2 • Composition / Information on Ingredients

INGREDIENT:	CAS NO:	% WT:	% VOL:	SARA 313 REPORTABLE:	OSHA PPM:	OSHA MG/M3:
1) METHYLENE CHLORIDE	75-09-2	75-90	N/A	Methylene Chloride	25	N/A

OCCUPATIONAL EXPOSURE LIMITS:					
OSHA PEL-TWA:	OSHA PEL STEL:	OSHA PEL CEILING:	ACGIH TLV-TWA:	ACGIH TLV STEL:	ACGIH TLV CEILING:
25 ppm	125 ppm	N/A	50 ppm/174 mg/m^3	N/A	N/A

SECTION 3 • Hazards Identification

EMERGENCY OVERVIEW:	Methylene Chloride may cause respiratory tract and digestive tract irritation. May be harmful if swallowed. May cause central nervous system depression. May be absorbed through the skin. May cause fetal effects based upon animal studies. May cause reproductive effects based upon animal studies. May cause severe eye and skin irritation with possible burns. May cause cancer based on animal studies. May be harmful if inhaled.
ROUTES OF ENTRY:	Inhalation, Ingestion, Skin absorption.

POTENTIAL HEALTH EFFECTS:	EYES:	Contact with eyes may cause severe irritation, and possible eye burns.
	SKIN:	May be absorbed through the skin. Causes irritation with burning pain, itching, and redness.
	INHALATION:	Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation. Overexposure may cause an increase in carboxyhemoglobin levels in the blood.
	INGESTION:	DO NOT TAKE INTERNALLY. May cause irritation of the digestive tract. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and/or nausea. Advanced stages may result in respiratory failure.
ACUTE HEALTH HAZARDS:	SEE ABOVE	
CHRONIC HEALTH HAZARDS:	Possible cancer hazard based on tests with laboratory animals. Prolonged or repeated skin contact may cause dermatitis. May cause fetal effects.	
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	Persons with preexisting skin or respiratory disorders.	
CARCINOGENICITY:	OSHA:	Methylene Chloride Possible Select Carcinogen
	ACGIH:	Methylene Chloride A3 Animal Carcinogen
	NTP:	Methylene Chloride Suspect carcinogen
	IARC	Group 2B carcinogen
	OTHER:	California: Carcinogen initial date 4/1/88
CAUTION:	TARGET ORGANS: Blood, Central Nervous System.	
HAZARDOUS:		

SECTION 4 • First Aid Measures

EYES:	Immediately flush eyes with plenty of clean water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get prompt medical attention.
SKIN:	Immediately flush skin with plenty of soap and clean water for at least 15 minutes while removing contaminated clothing and shoes. Get prompt medical attention.
INHALATION:	Remove victim from exposure to fresh air immediately. If breathing is difficult, give oxygen. If not breathing, administer artificial respiration. Get immediate medical attention.
INGESTION:	If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything orally to an unconscious or convulsing person. Get immediate medical attention.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:	Treat symptomatically and supportively. Adrenalin should never be given to person overexposed to Methylene Chloride.

SECTION 5 • Fire Fighting Measures

FLAMMABLE LIMITS IN AIR (% BY VOLUME):	UPPER:	Not Established	LOWER:	Not Established
FLAMMABILITY CLASS:	III B	FIRE-FIGHTING MEASURES		
FLASH POINT: @ F & C	Not Applicable	***FLASH POINT:***	*Lowest temperature at which a flammable liquid gives off enough vapor to form an ignitable mixture with air. At a glance you can tell from a low flash point that a material represents a fire hazard: for example, the flash point of gasoline is -43 deg C (-45 deg F)*	
AUTO-IGNITION TEMPERATURE: @ F & C	Not Applicable	***AUTO-IGNITION TEMPERATURE:***	*Tells you how hot a material must be before it will set itself on fire without a flame or spark.*	

NFPA HAZARD CLASSIFICATION:									
HEALTH:	2	FLAMMABILITY:	1	REACTIVITY:	0	PPI:	B	OTHER:	

HMIS HAZARD CLASSIFICATION:									
HEALTH:	2	FLAMMABILITY:	1	REACTIVITY:	0	PPI:	B	OTHER:	

EXTINGUISHING MEDIA:	Carbon dioxide, Dry Chemical, Foam, Water Spray or Fog. Use water for cooling material stored in vicinity of fire.	***LEL: N/A***	*Lower Explosive Limit – the lowest concentration at which a chemical's vapors will cause an explosion. Concentrations below the LEL are considered "too lean"*
		UEL:N/A	*Upper Explosive Limit – the maximum concentration at which a chemical's vapor will cause an explosion. Concentrations greater than the UEL are considered "too rich"*
		FLAMMABLE LIMITS	*Details about the minimum and maximum concentrations of vapors, so you can prevent fires. Generally concentrations that are greater than the LEL but less than the UEL*
SPECIAL FIREFIGHTING PROCEDURES:	Use MSHA/NIOSH approved self-contained breathing apparatus in the pressure demand, with a full face piece and full protective gear. Water tends to spread burning liquid if large amounts used.	***EXTINGUISHING MEDIA:***	*Which extinguishing material to use (water, foam, fog, carbon dioxide, dry chemical, etc.)*
UNUSUAL FIRE AND EXPLOSI0N HAZARDS:	Vapors mixed with air in proper proportion with propagate a flame. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Container may vent and/or rupture due to fire. Although this material does not have a flash point, it can burn at room temperature.	***UNUSUAL FIRE OR EXPLOSIAN HAZARDS:***	*Any special conditions or precautions concerning fire and explosion that is unique to the chemical.*
		HAZARDOUS COMBUSTION PRODUCTS:	
		FIRE-FIGHTING INSTRUCTIONS:	*Special procedures that are recommended during fire fighting.*
		FIRE-FIGHTING EQUIPMENT:	*Special equipment or safeguards that are recommended during fire fighting.*
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, Hydrogen Chloride, and Phosgene.			

SECTION 6 • Accidental Release Measures

SPILL / LEAK PROCEDURES:	Dike area of spill to prevent spreading – pump liquid into salvage tank – remaining liquid may be taken up with; sand, floor absorbent or other absorbent material and shoveled into containers – prevent run-off to sewers and bodies of water – notify proper authorities as required by local, state and federal regulations. Before entering spill area, ventilate area. Avoid breathing vapors.
WASTE DISPOSAL METHOD:	Waste is designated as hazardous waste until all solvents and vapors have evaporated. Dispose of in accordance with federal, state and local regulations.

SECTION 7 • Handling and Storage

STORAGE REQUIREMENTS:	Keep container closed when not in use. Store a 60-95 degrees F out of sun in a well ventilated area away from incompatible substances. Keep from contact with oxidizing materials. Open container slowly to relieve any potential internal pressure.
HANDLING PRECAUTIONS:	Use adequate ventilation to avoid breathing vapors when cover is removed. Do not smoke when vapors are present. Wash thoroughly after handling. Use with adequate ventilation. Use appropriate grounding and bonding equipment when discharging from product container to secondary containers.
OTHER PRECAUTIONS:	The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. This product is for professional or industrial use only. Follow label instructions. Keep out of reach of children. Not for consumption. Do not smoke while using. Do not breathe fumes. Avoid contact with body. Turn off all sources of ignition when using or during spill cleanup. Empty containers may contain hazardous residues. Never use welding or cutting torch on or near containers. Submit empty containers to authorized container recycling or recovery dealers. Container may be hazardous when empty. Contact lens wearers take appropriate precautions.

SECTION 8 • Exposure Controls / Personal Protection

ENGINEERING CONROLS: Use adequate general or local ventilation to keep airborne concentrations below the permissible exposure limits.	
VENTILATION:	Sufficient to keep workroom concentrations below PEL.
RESPIRATORY PROTECTION:	If vapors exceed PEL, Use air supplied, NIOSH approved, respirator.
EYE PROTECTION:	Chemical splash goggles or face shield if spraying.
SKIN PROTECTION:	Chlorinated solvent resistant gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Use chemical resistant apron or other clothing if needed to avoid repeated or prolonged skin contact.
WORK HYGIENIC PRACTICES: Wash thoroughly after handling before eating. Wash or dispose of contaminated clothing as deemed appropriate.	
EXPOSURE GUIDELINES: Avoid contact with skin, eyes, clothing and shoes.	

SECTION 9 • Physical and Chemical Properties

APPEARANCE FORM:	LIQUID			
APPEARANCE/COLOR:	CLEAR, RED OR GREEN			
ODOR:	CHLORINATED SOLVENT			
PHYSICAL STATE:	THIN LIQUID			
PH VALUE:	NOT APPLICABLE			
BOILING POINT: @ F & C	104 F			
MELTING POINT: @ F & C	NOT APPLICABLE			
FREEZING POINT: @ F & C	NOT APPLICABLE			
VAPOR PRESSURE (MMHG): @ F & C	NOT DETERMINED			
VAPOR DENSITY: (AIR=1) @ F & C	NOT DETERMINED			
SPECIFIC GRAVITY: (H20=1) @ F & C	1.28955 (10.7126 lbs/gal)			
EVAPORATION RATE:	>1			
BASIS (=1):	n-BUTYL ACETATE			
SOLUBILITY IN WATER:	NOT SOLUBLE			
PERCENT SOLIDS BY WEIGHT:	APPROX. 15%			
PERCENT VOLATILE:	By weight:	85%	By volume @ F & C:	N/A
PARTITION COEFFICIENT:	N/A			
VOLATILE ORGANIC COMPOUNDS (VOC):	With Water:		Without Water:	70.5 gr/l
MOLECULAR WEIGHT (VISCOSITY): @ F & C	N/A			
HEAVY ELEMENTS (PPM):	N/A			
SECTION 9 NOTES:	PHOTO CHEM REACTIVE ONLY VOC: 12.8 g/l. EPA method 24 VOC: 70.5 gr/l.			

SECTION 10 • Stability and Reactivity

CONDITIONS TO AVOID (STABILITY):		***EXPLAINATION OF TERMS***	
STABILITY:	This product is stable.	***STABILITY:***	*How likely it is that a chemical will decompose, creating a dangerous situation. If the material is unstable, the MSDS lists the conditions that would create a hazardous product.*
INCOMPATABILITY (MATERIAL TO AVOID):	Aluminum	***INCOMPATABILITY:***	*Lists the materials to avoid with the chemical to prevent a hazardous reaction. (i.e. acid and bases)*
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	CO, CO2, Hydrogen Chloride and Phosgene.	***HAZARDOUS DECOMPOSITION OR BYPRODUCTS:***	*Conditions and materials that can cause a chemical to break down and become a hazard or what may be produced when the chemical reacts with other substances. These include temperature extremes, ignition sources, and other chemicals. Sometimes, the product of a reaction is far more hazardous than the chemical itself.*
HAZARDOUS POLYMERIZATION:	Will Not Occur	***HAZARDOUS POLYMERIZATION:***	*Large amounts of energy may be released when two or smaller molecules combine. If this is a danger, the MSDS lists the conditions that can lead to it.*
CONDITIONS TO AVOID (POLYMERIZATION):	Highly Alkaline Material, e.g., Aluminum, Sodium Hydroxide.		

SECTION 11 • Toxicological Information

TOXICOLOGICAL INFORMATION: Methylene Chloride: Inhalation Mouse=LC50 14400 ppm/7 HR. Oral Rat LD50=1600 mg/kg.

SECTION 12 • Ecological Information

ECOLOGICAL INFORMATION: Methylene Chloride has a moderate potential to affect some aquatic organisms. It is resistant to Biodegradation and has a low potential to persist in the Aquatic Environment. 86-HR. IC50 (Loss of Equilibrium) Fathead Minnow: 99MG/L. ENVIRONMENTAL FATE: Methylene Chloride is not likely to Bioconcentrate.

SECTION 12 NOTES:

SECTION 13 • Disposal Considerations

WASTE DISPOSAL METHOD: Material is designated hazardous waste until all solvents and vapors have evaporated. Dispose of in accordance with Local, State and Federal Regulations. Dried adhesive may be disposed of as ordinary waste.

RCRA HAZARD CLASS: N/A

SECTION 14 • Transport Information

PLEASE NOTE (EXCEPTION):	International/Domestic: Five (5) gallon and greater containers are HazMat & ship in appropriate packaging. Domestic Ground/Air: One (1) gallon Container or smaller are ORM-D (See CFR 49 Part 173.153 (c) (1)
U.S. DEPARTMENT OF TRANSPORTATION	Proper Shipping Name: Toxic liquids, organic, n.o.s. (Contains Dichloromethane) Hazard Class: Class 6; Div. 6.1 ID Number: UN 2810 Packing Group: III Label Statement: Toxic Liquids, Organic n.o.s (Contains Dichloromethane)
WATER TRANSPORTATION:	Proper Shipping Name: Toxic liquids, organic, n.o.s. (Contains Dichloromethane) Hazard Class: Class 6; Div. 6.1 ID Number: UN2810 Packing Group: III Label Statement: Toxic Liquids, Organic n.o.s (Contains Dichloromethane)
AIR TRANSPORTATION:	Proper Shipping Name: Toxic liquids, organic, n.o.s. (Contains Dichloromethane) Hazard Class: Class 6; Div. 6.1 ID Number: UN 2810 Packing Group: III Label Statement: Toxic liquids, organic, n.o.s. (Contains Dichloromethane)

OTHER AGENCIES:	
SECTION 14 NOTES:	International/Domestic: Five (5) gallon and greater containers are HazMat & ship in appropriate packaging. Domestic Ground/Air: One (1) gallon Container or smaller are ORM-D (See CFR 49 Part 173.153 (c) (1)

SECTION 15 • Regulatory Information

U.S. FEDERAL REGULATIONS:	TSCA (Toxic Substance Control Act): All materials listed on the TSCA inventory. CERCLA HAZARDOUS SUBSTANCE (40 CFR 302.4): SARA Title III SECTION 313: Methylene Chloride SARA 311/312 HAZARD CATEGORIES: Acute-Chronic 313 REPORTABLE INGREDIENTS:Methylene Chloride --- Toxic/Flammable Substance Subject to Accidental Release Prevention (40 CFR 68.130): Methylene Chloride RCRA Hazardous Waste Number (40 CFR 261.33): N/A Classified as a RCRA Hazardous Waste (40 CFR 261.21): N/A CERCLA Reportable Quantity (RQ): Methylene Chloride 1111 lbs for product. SARA Toxic Chemical (40 CFR 372.65): N/A SARA EHS (Extremely Hazardous Substance) (40 CFR 355): N/A
STATE REGULATIONS:	WARNING: This product contains a chemical known to the state of California to cause cancer. California Proposition 65: Methylene Chloride
INTERNATIONAL REGULATIONS:	N/A

SECTION 16 • Other Information

PREPARATION INFORMATION:
DISCLAIMER: JUDGMENTS AS TO THE SUITABILITY OF INFORMATION HEREIN FOR THE PURCHASER'S PURPOSES ARE NECESSARILY THE PURCHASER'S RESPONSIBILITY. ALTHOUGH REASONABLE CARE HAS BEEN TAKEN IN THE PREPARATION OF SUCH INFORMATION, NATIONAL APPLIED CONSTRUCTION PRODUCTS, INC. EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS, AND ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR SUITABILITY OF SUCH INFORMATION FOR APPLICATION TO THE PURCHASER'S INTENDED PURPOSE OR FOR CONSEQUENCES OF ITS USE.